User manual

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Safety precautions

For safe and effective use of your trailer or box body, please read and follow the safety precautions.

DOORS

• Always keep the side and rear doors secured with the doorcatch when they are open.
• Do not drive with open doors or tail lift down.
• Always have the semi-trailer connected to the fifth wheel when using the side-doors.

FASTENING OF GOODS

• Never fasten the straps at 90 degree angle to the walls since this can damage the lashing bar (in wall/doors). We recommend wrapping the strap as a 'U' around the cargo to avoid pulling the bar out of the wall

AIR SUSPENSION

• Always keep the controls for lift and lower in driving position when driving.

CONNECTING AND DISCONNECTING A TRAILER

• ***Disonnecting:*** Connect the parking brake first. Then disconnect the ABS- and electrical cables first, then the air hose and finally the drawbar or Kingpin.
• ***Connecting:*** Always connect the drawbar or Kingpin first, then the air hose and finally the electrical- and ABS-cables.
• Always keep the parking brake engaged when connecting or disconnecting the trailer.
• Remember to wind down the semi-trailer legs before Kingpin is released and raise when semi-trailer is connected.
• Check that nobody/nothing is under the trailer when using the lift axle.

Lights

• Do not load too close to the inner lights, when the lights are on. Never cover the lights with an intermediate wall if you intend to keep the lights burning for a long period of time.

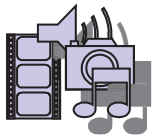
First of all we wish to thank you for choosing Ekeri!

We hope this delivery will be the beginning of a long relationship between us. Before you start to use your Ekeri box or trailer, please read this manual.

Symbols:

Contains the most important points in the chapter. It is important to take special note of these.

Hints and tips that makes everyday use easier and more efficient.



A movie is included. Click on the icon to start the movie.

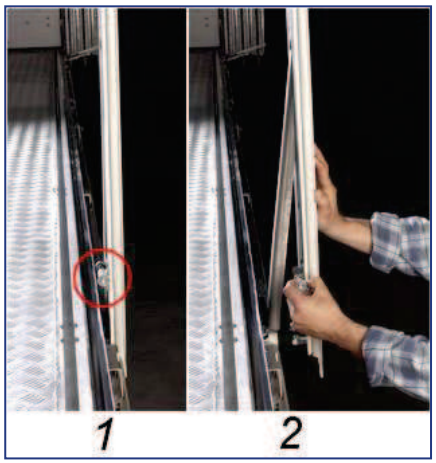
Some of the details in this manual cover optional equipment, that may or may not be on your box body or trailer. Your Ekeri box body or trailer may also be equipped with some other optional equipment that´s not mentioned in this manual. In this case, read the instructions enclosed with the special equipment. Optional equipment can for example be tail lift, fridge units, heaters and so on.

Side doors

The side doors on Ekeri boxes are divided into two sections, front and rear sections with 3+3 doors on short boxes and 5+5 on long boxes.

The doors open from the middle. Open one door at a time and fasten it to the next door. When a whole section is opened it has to be secured with the door catch which can be found inside the last door of each section. The doors are closed by doing the opposite.
To close the first pair of doors, put gentle pressure on the second door to push it into its guides, do the same with the following pair of doors and then it is easy to close the single mid door. To be able to operate the side doors properly on a semi-trailer, the trailer has to be connected to the tractor unit´s or to the dolly's fifth wheel

On longer boxes there is always a midpole (D) between the two door sections. The midpole comes off in one piece by first pulling out the locking pin, and then gently pulling the pole outwards.
The midpole should always be put back in place before starting to close the side doors. On some models The lower part of the pole can be removed by opening the two locks and carefully pulling it out and lifting it away. The upper part of the pole can be drawn to the side of the box while loading.



The side doors are lockable with keys delivered inside the box.

A, B, C = Side door locks D = Midpole
(Click to enlarge)

Hold the midpole with one hand when the locks on the midpole are opened!

Always put the midpole in place when closing the side doors.

See how to close and open the side doors.

Rear doors

The rear doors have either single or double lock handles. To open the rear doors always start by opening the right hand door first.

To open doors with double locks, both lock handles have to be opened at the same time, and when closing the doors, both locks have to be closed at the same time.
The lock handles have to be put back in place before the rear doors are turned against the side, otherwise they might cause damages to the sides.

When the doors are open always make sure they are secured with the door catch, which can be found on the side under the box or with the rubber catch on the side on FNA/FRC. The rear doors can be locked with a padlock on the right hand door.

A = Rear door locks B = Fastening for padlock C = hooks
(Click to enlarge)

Always close the lock handles before turning the rear doors to the sides!

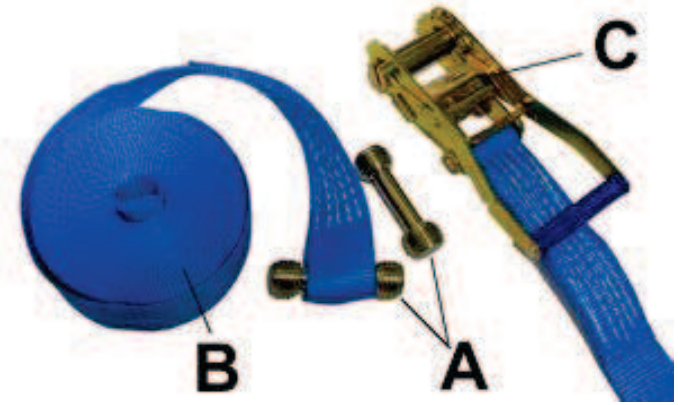
Always secure the doors with the door catch!

The rear doors can be locked with a padlock.

See how to open and close the rear doors.

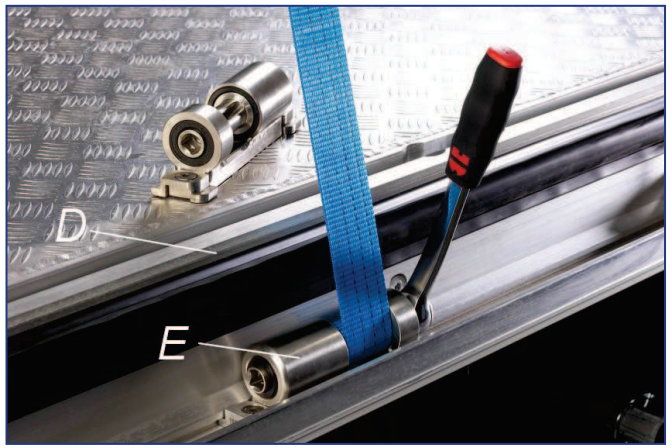
Ekeri load restraint system

All Ekeri box bodies are delivered with Ekeri's patented load restraint system as standard. Inside the box there is a load restraint rail (D), let into the floor on both sides. The fastening straps (B) are fitted into the rail by putting one of the cylinders (A) into the end of the strap/fastener. There are openings in the rails approximately each meter, where the fastening strap can be let down into the rail. Ekeri's load restraint system makes it easy to secure the load in exactly the right place.



Pic 1. A = Cylinder B = Strap C = Fastener

Ekeri Surrmax is an optional equipment, which can be used to secure full width loads that cover the fastening rail.



Pic 2. D = Fastening rail E = Surrmax

Always use Ekeri original fastening straps, cylinders and fasteners for maximum safety.

See how the Ekeri fastening system works

EkeLoad

The **EkeLoad system** (optional) developed by Ekeri permits flexible loading on two levels.

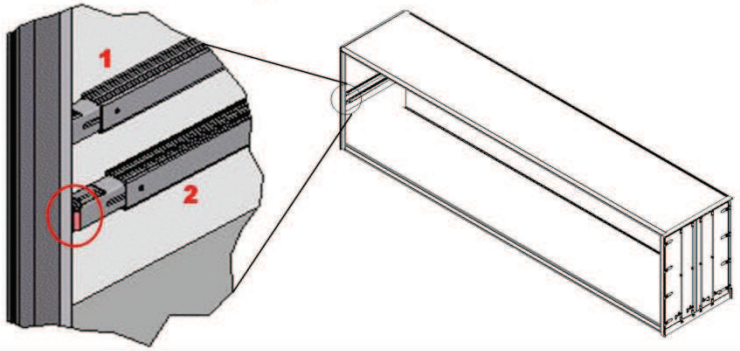
The **EkeLoad system** consists of bars located on the walls and side doors as well as bearing beams. The recessed bars are completely flush with the wall structure to prevent the cargo from being rubbed and damaged during transport.

Special poles are also available to enable side loading on two levels.

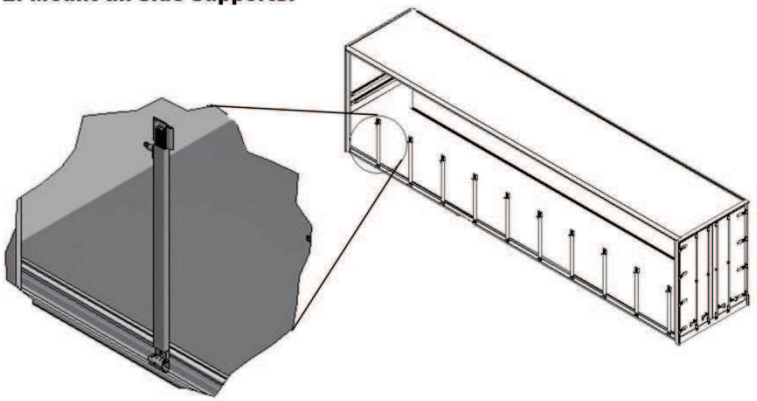
When the EkeLoad beams are not in use, they can easily be removed or stowed under the roof.

Always use Ekeri original accessories.

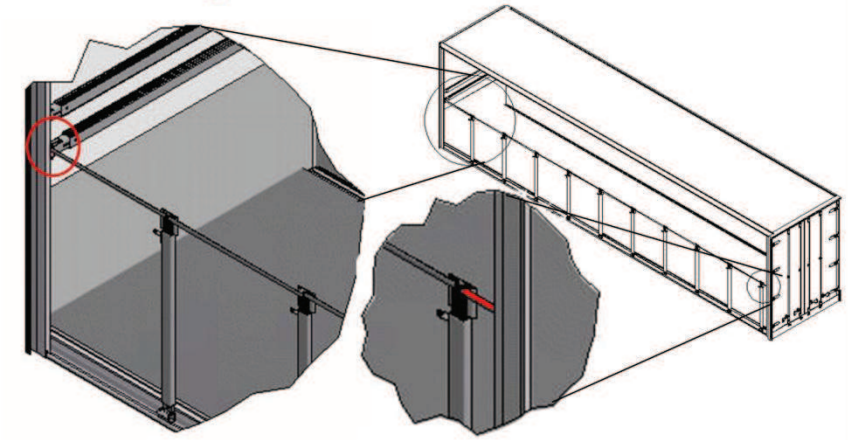
1. Montera de två första EkeLoad bommarna. Bom nr. 2 har hylsa och monteras med hylsan bakåt.
1. Asenna kaksi ensimmäistä EkeLoad puomia. Holkillinen puomi nro. 2 asennetaan holkki taaksepäin.
1. Mount the two front EkeLoad bars. Bar no. 2 has a socket and is mounted with the socket facing to the rear.



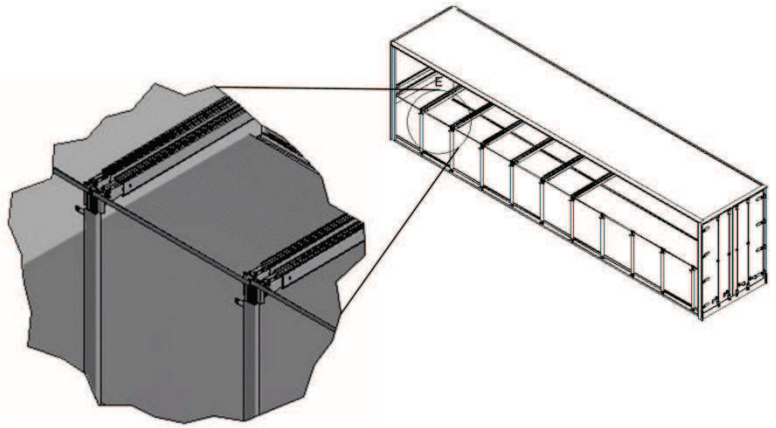
2. Montera alla sidostolparna.
2. Asenna kaikki sivutolpat paikalleen.
2. Mount all side supports.



3. VIKTIGT! Fäst stagen mellan alla sidostolparna och framtill. Fäst också stagen baktill i sista EkeLoad bommen eller i bakkarmen.
3. HUOM! Kiinnitä tuet tolppien väliin ja eteen. Kiinitä myös takana olevat tuet viimeiseen EkeLoad puomiin tai takakarmiin.
3. NOTE! Fasten the stay between all side supports and in front. Also fasten the last stay in the last EkeLoad bar or in the rear doorframe.

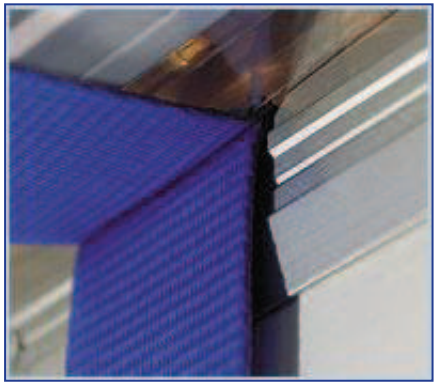


4. Montera EkeLoad bommarna så långt som lasten kräver.
4. Asenna kuorman vaatima määrä EkeLoad puomeja.
4. Mount the EkeLoad bars as required.



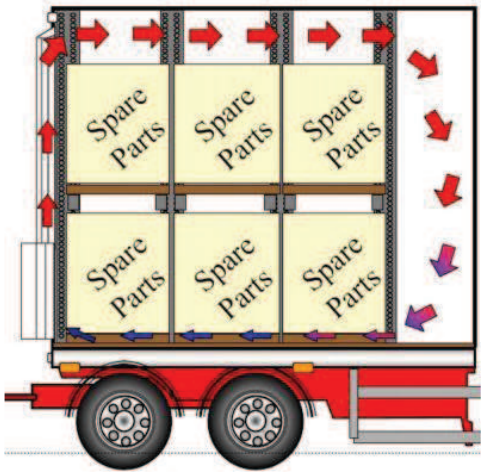
EkeBandup

EkeBandUp (optional) fastens the straps to the roof when loading from the side. The EkeBand Up keeps the straps at a 90° angle under the roof to facilitate maximum loading space.



EkeHeat

The **EkeHeat** heater is optional equipment for boxbodies and trailers. Hot air from the heater enters the upper part of the front wall, and flows over the load through the loadspace. The heating is efficient and distributes the heated air evenly over the loadspace.
When the air has cooled , it returns below the load back to the heater.
EkeHeat is mounted in an compact box on the front of the boxbody or trailer.



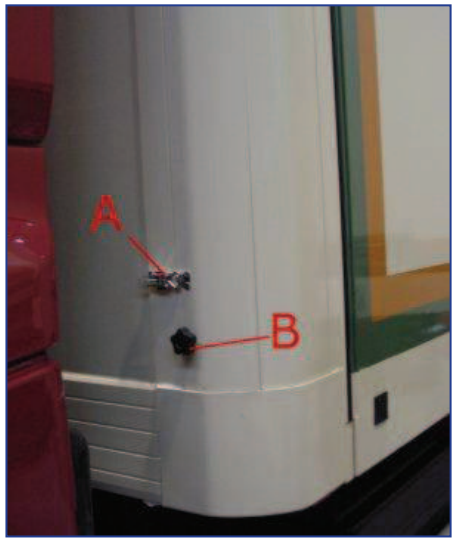
Remember to check the automatic fuses for heater´s regularly.

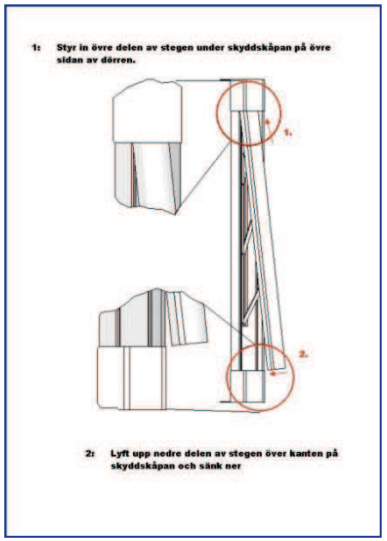
Do not put flammable objects near the heater outlet.

Front wall ladder

With the practical ladder you can easily reach the fridge unit for maintenance work. The ladder can simply be folded out and retracted in the front corner profile.

Opening: Open the lock (A), hold the handle (B) and push the ladder first upwards, then pull outwards. (see movie).
Closing: Hold the handle and push in the upper part of the ladder under the upper cover. Then lift the ladder over the lower edge, and when in position, press down. Then close the lock.




1: Styr in övre delen av stegen under skyddskåpan på övre sidan av dörren.
1.
2.
2: Lyft upp nedre delen av stegen över kanten på skyddskåpan och sänk ner

Detailed instructions for use of the ladder.
(Click to enlarge)

Don´t use excessive force when opening/closing the ladder!

The Ekeri ladder reduces wind resistance and weight. Fold in the ladder when it´s not in use.

Also read the manual for the fridge unit.

EkeGuard

EkeGuard – Safety with the push of a button!

With the EkeGuard (optional) it´s easy to lock or unlock all doors on the trailer/boxbody with the push of a button. At the same time, an alarm will be activated for added protection. If somebody manages to open the door, even with the locks engaged, the alarm will be set of.

To lock the boxbody or the trailer, push the ”lock” button. To unlock, simply press the ”unlock” button.

EkeGuard is also available with the extra feature of a GPS-positioning system. With this feature, the exact position of the vehicle is sent as an SMS to your mobile phone. When you get the coordinates as an SMS, go to www.ekeri.fi/pos and enter them to see the vehicle position on a map.
It´s also possible to switch on and off interior lights, engage/disengage locks and alarm through SMS.

For more information about the EkeGuard system, please see the separate instructions enclosed with your trailer.

EkeGuard protects the load and the equipment.

Lashing bars in walls

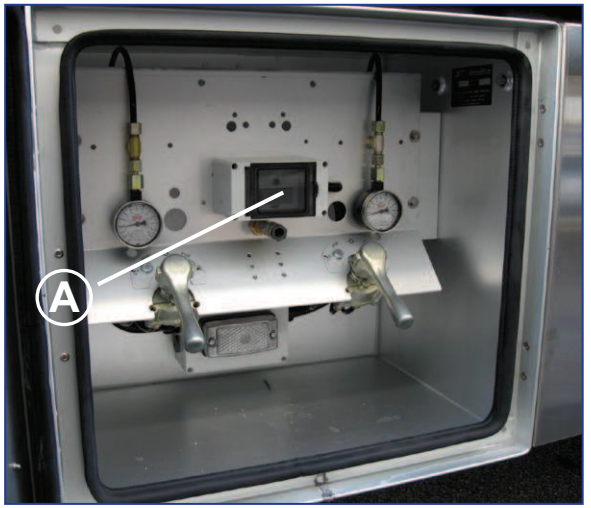
Ekeri boxes can also be equipped with lashing bars in walls/doors (optional equipment). These can be used in combination with straps to fasten lighter goods against one or several walls.

It is not recommended to fasten the straps at a 90 degree angle against the walls as this can damage the lashing bar. We recommend fitting the straps as a ‘U’ around the cargo to avoid pulling the bar out of the wall.

Inner lights

All Ekeri boxes have inner lights. On truck bodies the lighths are switched on in the truck cab. All trailers are prepared with wiring to the electrical connection so that the operator can install a button for activating the interior lighting in the truck cab.

Usually there is also a switch, which enables interior lighting with power from the parking lights. This is either a separate switch on the chassis or inside the box for lift and lowering of air suspension



A = Inner light switch

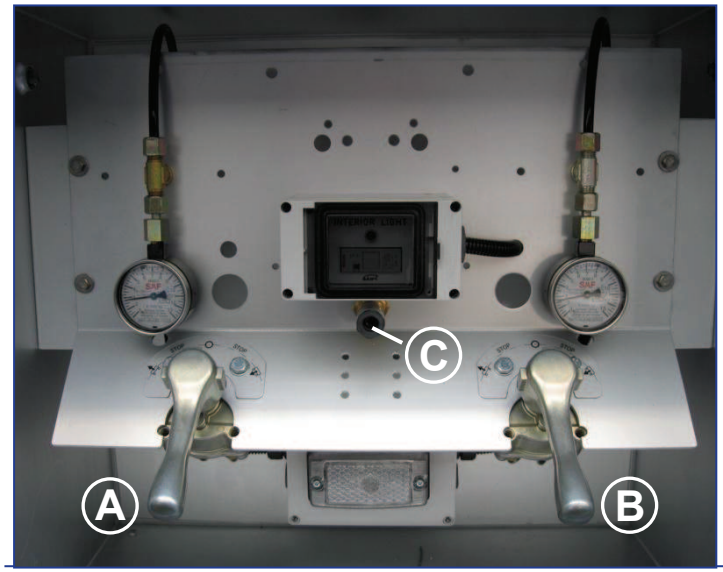
Lift- and lower controls

All Ekeri trailers have lift and lower valves for the air suspension. On semi-trailers there is one control and on drawbar trailers two.

The control has to be moved to the left or right depending on desired movement.
The control has five positions (see picture). If moved to the left, the trailer lowers and stops at a factory pre-set position. If moved to the right, the trailer rises to a factory pre-set position.
If the trailer is required to stop in a position other than the pre-set, move the control to stop.

When the control(s) point downwards, the trailer is set in driving position. This should always be the case when driving.

The lift and lowering valves are normally placed on the left side of the trailer in an aluminium box. If there are two controls, the left one (A) controls the front and the right one controls the rear (B).



A = Lift-/lower control for front
B = Lift-/lower control for rear
C = Air outlet

The controls must always point downwards (driving position) when driving.

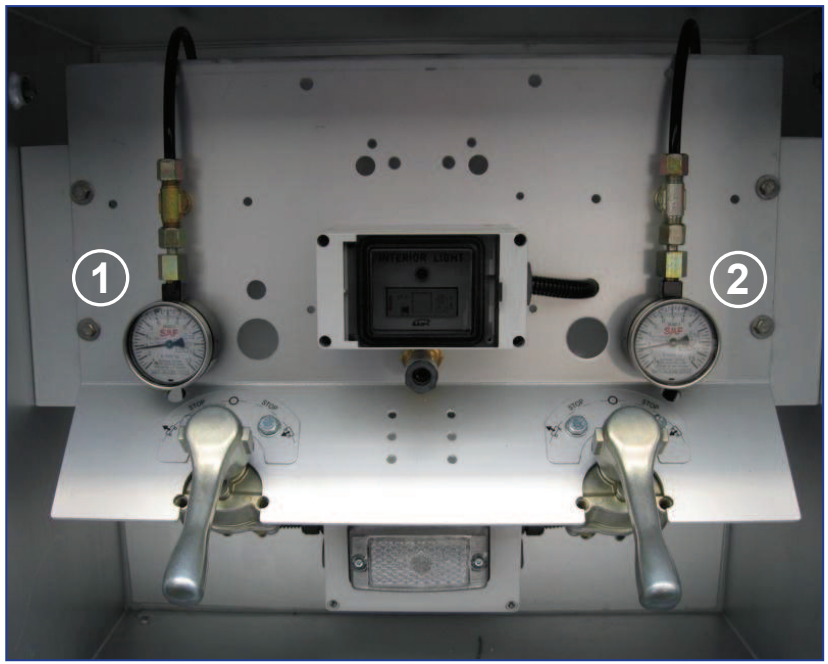
The left control is for the front, and the right is for the rear.

The box also contains an air outlet that can be used with the supplied air hose for cleaning the fastening rails.

Manometers

Ekeri trailers usually have manometers as standard (see picture). These can be found in the same aluminium box as the controls for lift/lower valves. On a semi-trailer there is one manometer showing load on rear axles, and on a draw bar trailer two, showing load on front and rear axles.

The manometer closest to the rear is for rear axles and the other for front axles. The load shown is not exact, and should only be used as guideline.

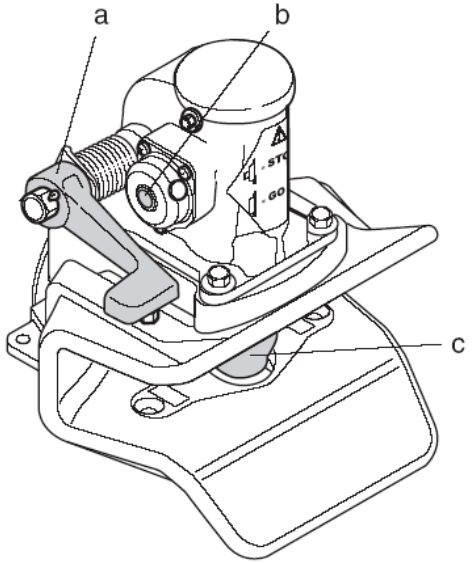


1 = Axle pressure for front axle(s) 2 = Axle pressure for rear axle(s)

Draw coupling

Draw couplings for trucks come as optional equipment and can be installed with or without air servo. The draw coupling has a safety pin (B). When the handle (A) is lifted, the safety pin comes out and the draw pin (C) rises.

Always check that the draw pin (C) is up before starting to connect the truck to the trailer. After connecting the truck please make sure that the draw pin (C) is down and that the safety pin (B) has locked the draw pin.



A = Handle to raise the draw pin B = Safety pin C = Draw pin

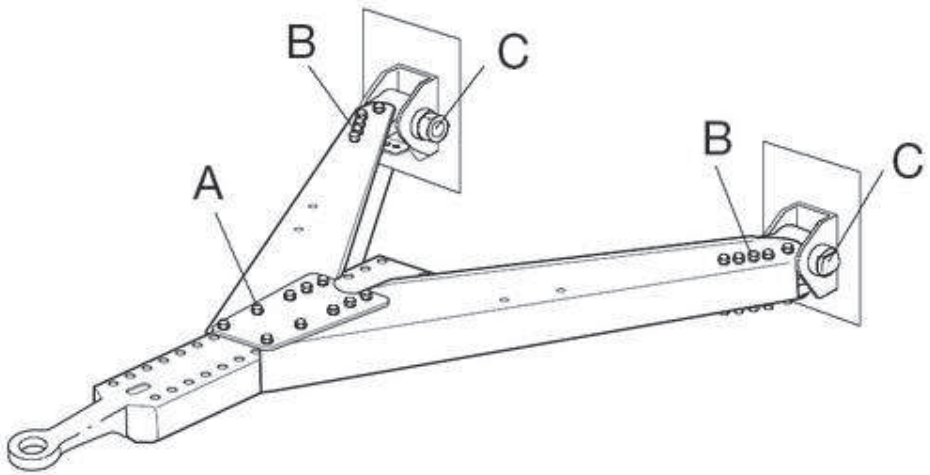
Never place any part of your body in a coupling fitted with a servo!

Lubricate the coupling every week with a thin oil. For the best results, the coupling should be open during lubrication.

Drawbar

The drawbar on Ekeri trailers is either bolted or extendable with air locking device. The bolted drawbar can be extended by loosening the bolts on top of the drawbar and moving the front part to desired position. After adjusting the bar replace the bolts, and tighten with correct force (see below).

All bolts on the drawbar including bolts for fitting drawbar to chassis have to be regularly checked and thightened when necessary. The drawbar eye is either 40 mm, 50 mm or 57 mm in diameter. The truck must have a draw coupling the same diameter as the trailer's drawbar-eye. All drawbars can be raised or lowered with the crank, which is fitted on the left side in the front of the trailer.



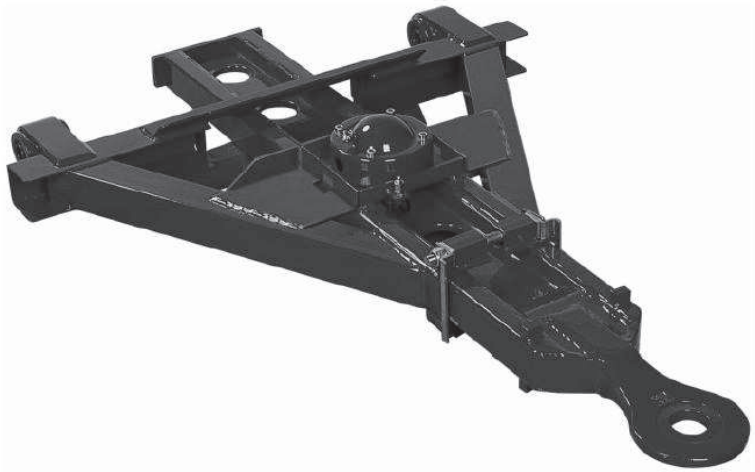
Remember to tighten the bolts after initial few days of use.

Tightening force (dry): A = 195 Nm B = 125 Nm C = 600 – 650 Nm

Drawbar

The drawbar with air locking can either be adjusted from a button in the truck cab or from a control on the drawbar. To adjust the drawbar, release the lock from the button or from the control and move forward or in reverse depending on if you want to extend or shorten the drawbar. Put on the lock by pushing the button or the control and move forward or reverse until the lock engages.

Before adjusting the length always make sure to apply the trailer brakes. The lock has to be released regularly to maintain the function in the locking device.



When adjusting the drawbar the brakes on the trailer must be set!

To maintain the functionality of the air locking drawbar, run the drawbar once a week. Regular lubrication will give the drawbar better performance and a longer life.

Electrical plugs
ABS-brake plug
Air couplings

When the drawbar or Kingpin has been connected, the following couplings must be connected in the following order:

1. Air couplings (Duo-Matic)
2. Electrical connectors and plugs
3. ABS-brake plug

Always engage the parking brake before connecting or disconnecting the trailer!

When disconnecting the trailer, **first apply the parking brake.** Then disconnect the ABS-brake plug and electrical plug. After that the Air couplings, and finally the drawbar or Kingpin. This is a **safety precaution** to prevent the trailer from moving while connecting or disconnecting.

If the truck does not have ABS , the ABS-plug can be fitted on a holder on the drawbar. For semi-trailers it is important to always wind down the support legs before disconnecting the Kingpin. The support legs must be wound up after the Kingpin has been connected.

Remember to connect and disconnect the couplings in correct order!

Always wind down the support legs before disconnecting the Kingpin.

On trailers with EBS brakes, the EBS plug should always be connected to the truck regardless if the truck is equipped with EBS or ABS.

Fit the ABS-brake plug on the holder if it´s not in use.

Lubrication

On Ekeri drawbar trailers there are lubrication tubes on the chassis, for example to lubricate the turntable steering on front axles. The tubing comes out on the left side of the front axle construction, where grease fittings for vaseline can be found. Regular lubrication increases the life of your trailer.

A = Grease fittings on an Ekeri trailer

Regular lubrication increases the life of your trailer.

Lift axle

On drawbar trailers with liftaxle (optional equipment) the lift axle is controlled from a button in the truck cab. When the axle is up make sure the load capacity of the other axles is not exceeded.

Regular use of the lift axle (once a week) is necessary to maintain the function of the lifting components. When the axle is lifted/lowered make sure nobody/nothing is under the trailer. On some trailers the control is fitted on the trailer chassis.

When the lift axle is up, the load capacity of the other axles must not be exceeded!

Check that nobody is under the trailer when operating the lift axle.

For optimal function the lift axle must be used once a week.

Support poles for sawtimber

For transporting sawtimber Ekeri have developed special support poles (optional equipment), with a foot that fits into the Ekeri load restraint rail.

In some specially ordered boxes there are also holes in the middle of the floor. Poles, with the foot turned upwards can be fitted here.

All new Ekeri units have a sticker on the inside wall that shows floor type and highest permitted fork lift axle pressure. Always be sure to check that the fork lift axle pressure does not exceed the maximum permitted fork lift axle pressure when loading and unloading.

Always ensure that the the fork lift axle pressure does not exceed maximum permitted fork lift axle pressure!

Only use original Ekeri spare parts and accessories!

Floor types

Floor types and highest permitted fork lift axle pressure:

E1: 5500 kg
E3: 8000 kg

F1: 5500 kg
F3: 8000 kg

TH3: 8000 kg

ATP certificate

For all Ekeri-boxes / boxtrailers ordered as FNA- or FRC we can apply for an ATP-certificate. This is a certificate that confirms that the body fulfills the ATP-FRC or ATP-FNA requirements.

One of the conditions for this is that the trailer or body is equipped with a fridge unit with large enough capacity. If a company other than Ekeri mounts the fridge unit make sure that it is properly tested before taking it into service.

Other equipment

If your Ekeri product is equipped with heater, tail lift, fridge unit, you will find separate operating manuals for this equipment.

Remember to always use Ekeri original accessories.

Maintenance

Every Ekeri box body and trailer is built to the highest quality. To make sure your trailer or box body is working properly, please carry out the following proceedures:

First drive:

•Before a new Ekeri-trailer is taken onto the road, the tyre pressures must always be checked before the trailer is loaded for the first time. On twin-mounted tyres, be aware that there are two valves opposite to each other in the outer wheel. Check the pressure in both tyres!

• Before starting to use your new Ekeri trailer check that the wheel nuts are tightened. Check the wheel nuts regularly and tighten when needed

• On trailers fitted with a heater it is important to regularly check that the automatic fuses are in correct position. Battery charge for the Heater's batteries will not work if the fuses are blown. In cold weather this can damage the batteries.

First 1000 km:

• Wash the box and the frame with low water pressure during the first weeks, as it takes time for the paint to harden.

• The detergents used for cleaning must have a pH-value between 5-8, otherwise the aluminium parts can be damaged. This applies for every wash!

• Tighten nuts and bolts on turntable steering, drawbar fittings, wheel nuts, axles (according to axle handbook). For tightening of axles and suspension, see axle manufacturer's hand book. Check these fittings regularly and tighten when needed!

Every week:

• Regular use of the lift axle (once a week) is necessary to maintain the function of the lifting components.

• Check regularly that all lights are working and that the light covers are not damaged or cracked. A non-working light(bulb) must be fixed/changed immediately, as a working light(bulb) keeps moisture away from inside the light.

• Check the coupling boxes regularly for damage.

• When changing a bulb , spray the bulb holder with some vaseline grease (HHS 2000) to keep moisture away.

Maintenance

Every month:
• Check the cables and connectors of the drawbar. Immediately repair cracked and damaged cables/hoses.
• Check the plugs and couplings on the drawbar.
• When changing the couplings and electrical plugs, spray with vaseline grease (HHS 2000) to prevent moisture ingress.
• On trailers with a heater fitted it is important to regularly check that the automatic fuses are in correct position. The batteries will not charge if the fuses are blown. In cold weather this can damage the batteries.

Every year:
• Open up all lights and spray the bulb holders with vaseline grease (HHS 2000) or similar.
• For the Ekeri Roca roof interior light, use bulb type 24V-21W BA 15 s , for example Philips type 13498 or Osram type 7511.

General:

Lubrication
• Regularly check and lubricate all grease fittings on the trailer and all grease points advised by the axle manufacturer
• In order to keep the side doors functioning, the side door mechanism should be lubricated regularly with vaseline.
• If the trailer is equipped with central lubrication points (see ”Lubrication” in this handbook), fill the reservoir regularly.

Chassis
• The chassis welds and bolt fastenings should be checked regularly.
• Regularly check all rubber bushes and tighten if needed!
• Regularly check fittings for shock absorbers and air bellows and thighten when needed! !
• Heavy loads should be avoided in severe cold!
• Empty the air tanks regularly.

Maintenance

Other maintenance

Read maintenance and service manuals for other equipment, such as tail lifts or heaters, which have separate manuals.

For maintenance on axles follow instructions given by axle manufacturer (hand book)

The following cleaning methods are recommended for vehicle safety markings:

- Wash with sponge, cloth or soft brush using water and detergent. The cleaner must be non-abrasive, without strong solvents and with a pH-value between 3 and 11.
- Automatic truck/car wash or standard high-pressure hand spray.
- Maximum pressure-1200 PSI/ 80 bar.
- Maximum water/wash solution temperature-140°F/ 60°C
- Minimum of 12 inches/ 30cm distance of cleaning jet(s) from markings.
- Cleaning wand or jets to be at no greater angle than 45° degrees from perpendicular to the marking surface
- When using metal brighteners, follow manufacturer's recommendations for dilution.
- Thoroughly rinse from markings after soaking vehicle.

Remember to always use original Ekeri spare parts and service!

Thank you for reading this user manual!

For more information or other questions, please contact us!

Ab Ekeri Oy
Kållbyvägen 1276
FIN 68800 Kållby

www.ekeri.fi

Sales network

Country (Country code)	Area	Contact person	Phone	Fax
Finland (+358)	**Ab Ekeri Oy**	Stefan Fagerström	040-5621111	06-7887412
Finland (+358)	**Ekeri Center Helsinki** Kuopio	Lasse Kangasniemi Matti Valkama	040-5444752 0400-692538	09-2787638 017-3622248
Sweden (+46)	**OF Ekeri Ab**	www.ofekeri.se	0433-726 00	0433-711 83
	Southern Sweden	Claes Olsson Bo Olsson Håkan Magnusson	070-62 71005 070-62 71052 070-36 72610	0433-711 83
	Northern Sweden	Stefan Fagerström	+358-40-5621111	+358-6-7887412
Norway (+47)	**Ekeri Norge AS** Hunnselvveien 10 2830 Raufoss	Björn Evensen Erik Fagerholm	61159850 61159850	61159860 61159860
Denmark (+45)	**Lastas A/S** Energivej 35 8722 Hedensted	Anders K Larsen	75890022 22281516	75890887
Iceland (+354)	**Stilling h.f.** Skeifan 11 108 Reykjavik	Isleifur Erlingsson	520 8028	520 8010

Sales network

Country (Country code)	Area	Contact person	Phone	Fax
Holland Netherlands (+31)	**Burg fabriek van wegtransportmiddelen B.V** Katwijkerlaan 75 5641 PD Pijnacker	Jan Bunk	015-3694340	015-3693385
Great Britain (+44)	**Burntwood Services Ltd.** 24 Canterbury Way Chelmsford Essex CM1 2XN	Robert Wise	07966-203640	07966-203640
Germany (+49)	**Mevissen Nutzfahrzeuge** Johannesstraβe 20 52525 Waldfeucht - Haaren www.mevissen.de	Horst Mevissen	02452 7067	02452 87440
Russia	**Ekeri Center Helsinki** Pitkäsentie 23 01200 Vantaa	Viktor Pakki	+358 41 51 30257	

Spare parts

Country (Country code)	Service point	Contact person	Phone	Fax
Finland (+358)	**Ekeri Center** Kållbyvägen 1276 68800 Kållby	Barbro Molander	06-7887475	06-7887479
Sweden (+46)	**OF Ekeri Ab** Ulvaryds industriområde Box 11 S-285 21 Markaryd	Arne Persson	0433-72600 0433-72601 070-6672601	0433-71183
Norway (+47)	**Ekeri Norge AS** Hunnselevveien 10 2830 Raufoss	Trond Lundsten	61159850	61159860
Iceland (+354)	**Stilling h.f.** Skeifan 11 108 Reykjavik	Garðar Skarphéðinsson	520 8028 824 8028	52080021
Holland (+31)	**Burg fabriek van wegtransportmiddelen B.V.** Katwijkerlaan 75 2641 PD Pijnacker	Jan Bunk	015-3694340	015-3693385
England (+44)	**Colliers Truck Builders Ltd.** Unit 15, Blackwater Trading Estate The Causeway, Maldon, Essex	Mick Gill	1621 843109	1621 843047

Spare parts

Country (Country code)	Service point	Contact person	Phone	Fax
Scotland (+44)	**Colin Hutton Coachworks Ltd.** 40 Stronend Street Glasgow G22 6AR		141 336 3371	141 336 3821
Germany (+49)	**Mevissen Nutzfahrzeug GmbH** Johannesstraβe 20 52525 Waldfeucht - Haaren www.mevissen.de	Horst Mevissen	245 7067	2452 87440
Russia	**Rustruck** Puschkin, St. Petersburg	Viktor Pakki	+358 41 51 30257	

Service network

Country (Country code)	Service point	Contact person	Phone	Fax
Finland (+358)	**Ekeri Center** Kållbyvägen 1276 68800 Kållby	Håkan Sundqvist Ronny Käcko	06-7887471 06-7887472	06-7887479 06-7887479
Finland (+358)	**Suomen Kuljetuslaite** Hakkilankaari 4 01380 Vanda	Veijo Varonen Carrier 24 h.	010-6503112 040-7247831 010-6503155	010-6503190
Finland (+358)	**Kuorma-Autoasennus JM Oy** Hakalahdentie 13 70460 Kuopio	Hannu Pekkarinen Jouko Penttinen Mikko Salolahti	017-3644333	017-3644350
Finland (+358)	**Perävaunu Ky Vuola** Voivalantie 28 20780 Kaarina	Jarmo Vuola	020-7118830 0400-530305	020-7118831
Finland (+358)	**AH Kaross** Larvvägen 18 66590 Vassor	Alf Hellman Kennet Hellman	06-3464239	06-3464205
Finland (+358)	**Toplift** Hopeatie 54100 Joutseno	Pekka Ravattainen Janne Ikäheimonen	05-6100500	05-6100559
Finland (+358)	**Asennustyö M. Ahlqvist Oy** Vahdontie 163 21290 Rusko		020-749 8220 040-082 7936	020-749 8221

Service network

Country (Country code)	Service point	Contact person	Phone	Fax
Finland (+358)	**Cargofix Oy** Halmekuja 2 01360 Vanda	Oksa Janne	045-1371877	
Finland (+358)	**Korihuolto Moksi** Juvantasku 7 02920 Esbo	Korjaamo	020-7209898	020-7209899
Finland (+358)	**Wetteri Power Oy** Poikkimaantie 31 90400 Uleåborg	Vaihde Oulu Kajaani Rovaniemi Kuusamo Kemi	020-778870 0400-890868 0400-680102 0400-690888 0400-685089 0400-392555	020-7788796
Sweden (+46)	**Båstab Ab** Flintvägen 4 26941 Östra Karup	Kennet Forsell	0431-74720	0431-74095
Sweden (+46)	**Umeå Nya Bromsservice** Stackvägen 4 90137 Umeå	Janne Samuelsson	090-144433	090-148260
Sweden (+46)	**Björn Johansson Karosseri Ab** Fallvindsgatan 4 65221 Karlstad	Björn Johansson	054-851535	054-851535

Service network

Country (Country code)	Service point	Contact person	Phone	Fax
Sweden (+46)	**AO Lastbilsverkstad** Pikullavägen 1 702 27 Örebro	Anders Söderberg Martin Melchert	019-270751	019-272130
Sweden (+46)	**Lastbilsteknik Ab** Planerargatan 5 781 70 Borlänge	Anders Svensson	0243-217900	0243-16648
Sweden (+46)	**Lastvagnsteknik i Göteborg Ab** Transportgatan 7 422 46 Hisings Backa	Peter Lappalainen	031-582228	031-581816
Sweden (+46)	**STS Sydhamnens Trailerservice** Kabelvägen 9 553 02 Jönköping	Lennart Emilsson	036-314999	036-314998
Sweden (+46)	**STS Sydhamnens Trailerservice** Pjältvägen 3 616 34 Åby/Norrköping	Mats Pettersson	011-166311	011-166401
Sweden (+46)	**Sandströms Center Ab** Trehögsgatan 11 213 76 Malmö	Semir Berhamovic	040-221120	040-221121
Sweden (+46)	**Sandströms Center Ab** Västbergavägen 14-16 126 30 Hägersten	Johan Sandström	08-7114916	08-6211230

Service network

Country (Country code)	Service point	Contact person	Phone	Fax
Sweden (+46)	**Sandströms Center Ab** Ektjärnsvägen 2 975 91 Luleå	Fredrik Stråmo	0920-253040	0920-253041
Sweden (+46)	**Sandströms Center Ab** Avestagatan 61 163 53 Spånga	Lennart Forsell	08-6210928	
Sweden (+46)	**Släp & Kaross Ab** Paketgatan 12 784 72 Borlänge	Lars Nises	0243-17210	0243-17211
Sweden (+46)	**Örestads Trailer & Skåpservice** Ö-Hindbyvägen 4 213 74 Malmö	Bert Guldstrand	040-212846	040-212847
Sweden (+46)	**Karosseriteknik i Göteborg Ab** Tagnevägen 4 422 59 Hisings Backa	Jan Börjesson	031-7424844	031-527108
Sweden (+46)	**Berner & co Tunga fordon** Fyrvallavägen 4 831 43 Östersund	Mats Albertsson	063-574 784	063-574 719
Sweden (+46)	**Skandinaviska Lastvagnar** Torbornavägen 17 253 68 Helsingborg	Sven-Ingvar Bengtsson	042-292060	042-294410

Service network

Country (Country code)	Service point	Contact person	Phone	Fax
Norway (+47)	**Ekeri Norge AS** Hunnselvveien 10 2830 Raufoss	Trond Lundsten	611-59850	611-59860
Norway (+47)	**T.K Mek AS** 6240 Örskog	Kåre Mathiesen	70270778	70270267
Norway (+47)	**Bjerlands Lakk og Karosseri** Postboks 19 4652 Överbö	Ole Gunnar Bjerland	38139636	38139636
Great Britain England (+44)	**Colliers Truck Builders Limited** Unit 15, Blackwater Trading Estate The Causeway, Maldon, Essex	Mick Gill	01621 843109	01621 843047
Scotland (+44)	**Colin Hutton Coachworks LTD** 40 Stronend Street Glasgow G22 6AR www.colinhutton.com		0141-336-3371	0141-336-3821
Holland Netherlands (+31)	**Burg fabriek van wegtransportmiddelen B.V.** Katwijkerlaan 75 2641 PD Pinjacker	Jan Bunk	015-3694340	015-3693385

Appendix 1.

Follow-up form

We aim to continually develop our products and service to support our customer's needs. After you have used your Ekeri product for about 2 months, we ask you to take a few minutes to complete our follow-up form, and faxing it to us, or send by post.

Our fax number is: **+358-(0)6-788 74 12**.

Thank you!

FILL OUT THE FOLLOW-UP FORM AND SEND IT TO EKERI BY FAX OR MAIL – CLICK HERE
(CD-version only)

Service book

Date	Maintenance	Done by

Service book

Date	Maintenance	Done by

Service book

Date	Maintenance	Done by

Service book

Date	Maintenance	Done by

Service book

Date	Maintenance	Done by

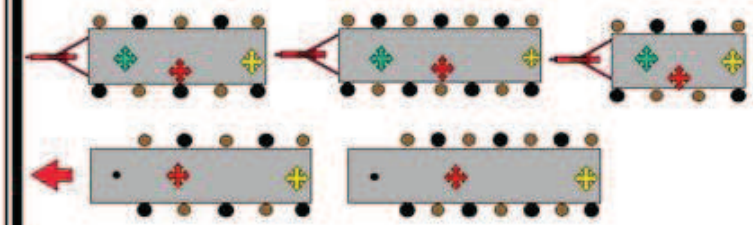
Electrical connections

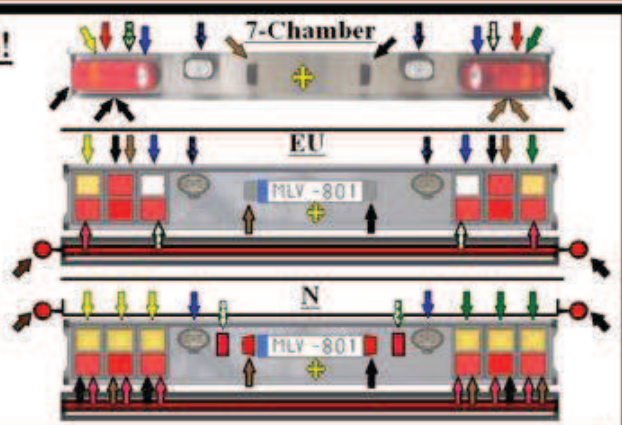
ELECTRICAL CONNECTIONS!

Date: __/___-_____

Mounted :_____

Front junction box
Center junction box
Rear junction box





Area	Colour	Function	VBG	Nato 24N	Nato 24S	15Pin
2,5mm²	Black	Side marking lights left	VBG 5	2/58L		5
2,5mm²	Brown	Side marking lights right	VBG 6	6/58R		6
1,5mm²	Red	Brake light	VBG 4	4/54		7
1,5mm²	Yellow	Dir. indicator left	VBG 2	3/L		1
1,5mm²	Green	Dir. indicator right	VBG 3	5/R		2
2,5mm²	Blue	Reversing lights	VBG 7a		3/L	8
2,5mm²	Blue/Black	Work light	VBG 8b	7/54g		(9)
1,0mm²	White/Green	Rear fog light	VBG 7b		7/54g	(3)
1,5mm²	Pink	Interior light (IN/OUT)	VBG 8a		4/54	(10)
1,5mm²	Pink	Interior light (OUT)				
1,0mm²	Purple	Extra (Tail axle lift)	VBG 9		(6/58R)	(12)
1,0mm²	Orange	Extra (Draw bar)	VBG 10		(5/R)	(14)
1,0mm²	Grey	Extra (Axle lock)	VBG 11		(2/58L)	(15)
1,0mm²	Yellow/Green	Extra				(11)
1,0mm²	Yellow/Red	(Microswitch)				
(	)	Chassis				
(	)	Chassis	VBG 1	1/31	1/31	4/13
6mm²	White	Chassis				

RS-2005